Attorney's Docket No.: 17979-046US1 Client's Ref. No.: 05028 P WO US

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHODS FOR MANUFACTURING REFLECTIVE OPTICAL ELEMENTS, REFLECTIVE OPTICAL ELEMENTS, EUV-LITHOGRAPHY APPARATUSES AND METHODS FOR OPERATING OPTICAL ELEMENTS AND EUV-LITHOGRAPHY APPARATUSES, METHODS FOR DETERMINING THE PHASE SHIFT, METHODS FOR DETERMINING THE LAYER THICKNESS, AND APPARATUSES FOR CARRYING OUT THE METHODS, the specification of which:

(; ()		31, 2006 as Applica	tion Serial No	10/598,481 and was
0	was described and claim	ned in PCT International A	pplication No	filed on
including	hereby state that I have reviewhere claims, as amended by an	rwed and understand the c	ontents of the abovabove.	e-identified specification,
	acknowledge the duty to dis Code of Federal Regulations,		w to be material to	patentability in accordance with
	hereby claim the benefit und n(s) listed below:	ler Title 35, United States	Code, §119(e)(1) o	of arry United States provisional
	U.S. Serial No.	Filing Date		Status
60)550,3 02	03/05/2004	Ехр	ired
listed belo United Str acknowled of Federal	ntes application in the manne	matter of each of the claim r provided by the first para formation I know to be man became available between	ns of this application agraph of Title 35, aterial to patentabil	on is not disclosed in the prior
	U.S. Serial No.	Filing Date		Status
P	CT/EP2005/050985	03/05/2005	Penc	ling

Country	Application No.	Filing Date	Priority Claimed
Germany	10 2004 011 355.6	03/05/2004	[X] Yes [] No
Germany	10 2004 011 356.4	03/05/2004	[X] Yes [] No

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than

the United States of America filed by me on the same subject matter having a filing date before that of the

application(s) of which priority is claimed:

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I hereby appoint the following attorneys and or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Sean P. Daley, Reg. No. 40,978

17979-046US1

Chris C. Bowley, Reg. No. 55,016

Marc M. Wefers, Ph.D., J.D., Reg. No. 56,842

Direct all telephone calls to SEAN P. DALEY at telephone number (617) 542-5070.

Direct all correspondence to the following:

26161 PTO Customer Number

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor:	MARCO WEDOWSKI - Deceased NADYEH SHARILOO - Executor		
Executor's Signature Residence Address: Citizenship: Post Office Address:	Nocly SC. Aalen Germany Otto-Schott-Strasse 15 73431 Aalen Germany	Date:	Tun. 12.20
Full Name of Inventor:	FRANK SCHOLZE		
Inventor's Signature:		Date:	
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Inventor's Signature:		Date:	
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Citizenship:	Germany		
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	12524 Berlin		
	Germany		
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05028 P WO US			

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0	is attached he			10/508 4	81 and was
[X]		August 31, 2006	as Application Serial N	1010/398,4	oi and was
n	amended on _	and claimed in PC	Γ International Application N	Io	filed on
[]	was described	and as amend	ded under PCT Article 19 on		·
I her	reby state that I	have reviewed and	understand the contents of th	ie above-identilie	d specification,
			ment referred to above.		
I acl	knowledge the	duty to disclose all i	nformation I know to be mat	erial to patentabi	lity in accordance with
Title 37, Cod	le of Federal Re	gulations, §1.56.			
Iba	rahy alaim the	henefit under Title 3	5, United States Code, §119	(e)(1) of any Unit	ted States provisional
application(s	i) listed below:	beliefft under 1 the 5	o, omica states estat, grant		-
application(s	, iibida dala iir			C4.	-4
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listed below	and, insofar as	the subject matter o	35, United States Code, §120 f each of the claims of this ap d by the first paragraph of T	oplication is not of the oplication is not oplication is not of the oplication is not of the oplication is not oplication.	ates Code, §112, I
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17979-046US1

Chris C. Bowley, Reg. No. 55,016

Marc M. Wefers, Ph.D., J.D., Reg. No. 56,842

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26161 PTO Customer Number

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor:	MARCO WEDOWSKI	
Inventor's Signature:		Date:
Residence Address:	Aalen	
Citizenship:	Germany	
	-deceased-	
Post Office Address:	Otto-Schott-Strasse 15	
	73431 Aalen	
	Germany	
Full Name of Inventor:	FRANK <u>S</u> CHOLZE	
	A	2 2 -
Inventor's Signature:	HI lelden	Date: Jem. 05, 2007
Residence Address:	Berlin	•
Citizenship:	Germany	
Post Office Address:	Rapunzelstrasse 41	•
1 Ost Office Address.	12524 Berlin	
	Germany	
	Germany	
Full Name of Inventor:	JOHANNES TUEMMLER	
Inventor's Signature:		Date:
Residence Address:	Berlin	
Citizenship:	Germany	
Post Office Address:	Semmelweisstrasse 15a	
	12524 Berlin	
	Germany	
	~	
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I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Country	Application No.	Filing Date	Priority Claimed
Germany	10 2004 011 355.6	03/05/2004	[X] Yes [] No
Germany	10 2004 011 356.4	03/05/2004	[X] Yes [] No

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Full Name of Inventor:	MARCO WEDOWSKI		
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Residence Address:	Aalen		
Citizenship:	Germany		
	-deceased-		
Post Office Address:	Otto-Schott-Strasse 15		
	73431 Aalen		
	Germany		
Full Name of Inventor:	FRANK SCHOLZE		
Inventor's Signature:		Date:	
Residence Address:	Berlin	_	
Citizenship:	Germany		
Post Office Address:	Rapunzelstrasse 41		
	12524 Berlin		
	Germany		
Full Name of Inventor:	JOHANNES TUEMMLER		
Tours of the Co	70 /- 0 -		4 21 2 4
Inventor's Signature:	Jeanney 1	Date:	May 31, 2004
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Citizenship:	Germany		•
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	12524 Berlin		
	Germany		
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